



DEPARTMENT OF ANIMAL SCIENCE

COURSE OUTLINE – WINTER 2019

AH 240 ADVANCED ANATOMY AND PHYSIOLOGY – 2.5 (3.5-0-1) 72 HOURS

16 Weeks

INSTRUCTOR:	Dr. Susan Klassen Dr. Chris Mizzi	PHONE:	780-835-6633 780-835-6617
OFFICE:	FAS141 FAS133	E-MAIL:	sklassen@gprc.ab.ca cmizzi@gprc.ab.ca
OFFICE HOURS:	As posted		

CALENDAR DESCRIPTION:

Students will develop proper anatomical and physiology terminology. Instruction of cellular biology and physiology will progress into an understanding of organization of cells into tissues, organs and body systems. A working knowledge of body systems will include basic components and functions. The inflammatory process and tissue response to disease or injury will be covered briefly. Students will receive hands-on instruction on necropsy procedures for small and large animal species. Proper collection, handling, and submission of samples and transportation of dangerous goods is discussed or demonstrated.

PREREQUISITE(S)/COREQUISITE:

- Must be registered in the GPRC Animal Health Technology Program
- AH141 and AH174

REQUIRED TEXT/RESOURCE MATERIALS:

- Colville & Bassert, Clinical Anatomy & Physiology for Veterinary Technicians, Mosby
- Pasquini, Spurgeon, Pasquini, Anatomy of Domestic Animals, Sudz Publishing

DELIVERY MODE(S):

Lecture & Lab

COURSE OBJECTIVES/LEARNING OUTCOMES:

TRANSFERABILITY: (if applicable)

A list of institutions to which this course transfers (For example: UA, UC, UL, AU, GMU, CU, CUC, KUC. Please note that this is a sample and it must be replaced by your specific course transfer)

*Warning: Although we strive to make the transferability information in this document up-to-date and accurate, the student has the final responsibility for ensuring the transferability of this course to Alberta Colleges and Universities. Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at Alberta Transfer Guide main page <http://www.transferalberta.ca> or, if you do not want to navigate through few links, at <http://alis.alberta.ca/ps/tsp/ta/tbi/onlinesearch.html?SearchMode=S&step=2>

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

(The following criteria may be changed to suite the particular course/instructor)

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

EVALUATIONS:

GRADING CRITERIA:
GRADING CONVERSION CHART for ANIMAL HEALTH TECHNOLOGY
OVERALL GRADE POINT AVERAGE HAS TO BE 2.0 OR HIGHER TO BE SUCCESSFUL IN THE AHT PROGRAM.

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100	C+	2.3	67-69
A	4.0	85-89	C	2.0	63-66
A-	3.7	80-84	C-	1.7	60-62

B+	3.3	77-79		FAIL	1.3	55-59
B	3.0	73-76		FAIL	1.0	50-54
B-	2.7	70-72		WF	0.0	00-49

EXAMINATIONS		Mark Distribution	
A. Anatomy/Physiology**			55%
	Quizzes and assignments	15%	
	Comprehensive Final Exam	28%	
	Comprehensive Lab Exam	12%	
B. Pathology			45%
	Quizzes and Assignments	22%	
	Lab	5%	
	Final Exam	18%	
			100%

*A minimum of 60% must be obtained in order to successfully pass AH240.

** **Comprehensive Exams for Anatomy/Physiology include material from Anatomy/Physiology I**

COURSE SCHEDULE/TENTATIVE TIMELINE:

Anatomy and Physiology for 8 weeks, followed by Pathology and Pathology labs for the remaining 8 weeks.

EVALUATIONS:

This course is a continuation of AH141 Anatomy & Physiology I and will continue with the body systems where the first course left off. **Material from AH141 will be tested**

in the final written and practical exams for the Anatomy/Physiology portion of the course.

To pass this course, student must achieve a minimum overall grade of 60% in the entire course. Attendance is essential for success in this class, and if a student misses a class or a lab (including quizzes and exams), any assignments and/or quizzes and/or exams and/or handouts, whether scheduled or not, that occur or are distributed in the class or lab that was missed, will not be provided to the student or made up in any way. The student will be assigned a mark of zero for those assignments/exams/ etc. missed. IF the student contacts the instructor PRIOR to missing a class/lab/exam/etc., and if the student has an acceptable excuse (the validity of the excuse is at the discretion of the instructor and will require documentation such as a note from a doctor), the student may be excused without penalty and may be given access to the missed material. Overall excessive absence, coming to class late, or leaving during class, may result in mark deductions at the instructor's discretion. Absences of more than 3 hours of class will be noted and mark deductions WILL result (1% from the final course mark for each hour of unexcused absence and also for excused absences at the discretion of the instructor).

For examination policies, please see the GPRC Examination Policy document.

STUDENT RESPONSIBILITIES:

Enrolment at GPRC assumes that the student will become a responsible citizen of the College. As such, each student will display a positive work ethic, take pride in and assist in the maintenance and preservation of Institute property, and assume responsibility for his/her education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting instructor expectations concerning attendance, assignments, deadlines, and appointments.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at <http://www.gprc.ab.ca/about/administration/policies/>

**Note: all Academic and Administrative policies are available on the same page.

YEAR: 2018

